

Serial No. 10/602,930

PATENT

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CENTRAL FAX CENTER
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CLAIM AMENDMENTS

- 1 1. (Currently Amended) A medical device comprising: a graft material, [a] an exposed stent affixed to and extending from the graft material, the stent comprising a plurality of struts and bends between adjacent pairs of struts, the bends defining apices, and at least two spaced apart fastenings affixing the stent to the graft material at each apex, each fastening including at least two turns of an elongate flexible fibre through the graft material and around a portion of the stent wherein a first of the at least two spaced apart fastenings is placed at the apex and a second of the at least two spaced apart fastenings is placed adjacent the transition from the bend to the strut.
- 1 2. (Cancelled)
- 1 3. (Original) A medical device as in Claim 1 wherein the at least two fastenings each include a knot arrangement to tie off the elongate flexible fibre.
- 1 4. (Original) A medical device as in Claim 3 wherein the knot arrangement includes at least two thumb knots and preferably four thumb knots.
- 1 5. (Original) A medical device as in Claim 3 wherein the knot arrangement is situated on the outside of the graft material.
- 1 6. (Previously Presented) A medical device as in Claim 1 wherein the flexible fibre is selected from the group comprising a mono-filament suture material and a braided suture material.

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1 7. (Original) A medical device as in Claim 1 wherein the graft material is a bio-
2 compatible woven or knitted material selected from the group comprising polyester
3 and expanded polytetrafluoroethylene.

1 8. (Original) A medical device as in Claim 1 wherein the stent is selected from
2 the group comprising a balloon expandable stent or self-expanding stent.

1 9. (Original) A medical device as in Claim 1 wherein the stent is a self-
2 expanding Z-stent.

1 Claims 10 and 11. (Cancelled)

1 12. (Original) A medical device as in Claim 1 wherein the fastenings are spaced
2 apart enough that the turns of fibre do not pass through the same portion of the
3 graft material.

1 13. (Previously Presented) A medical device as in Claim 1 wherein the spacing
2 apart is from 0.5mm to 2mm.

1 Claims 14 - 21. (Cancelled)

1 22. (Previously Presented) A medical device as in Claim 1 wherein the least two
2 spaced apart fastenings affixing the stent to the graft material comprise machine
3 sewn stitches engaging the graft material either side of the respective struts and
4 passing over the strut.

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- 1 23. (Original) A medical device as in Claim 22 wherein there are at least five
- 2 stitches on each strut.

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